

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS
Marine Corps Base
Camp Lejeune, North Carolina 28542

24 April 87
Date

From: Director

To: Peter Black.

Subj:

I don't know anything about this equipment but the attached ~~equipment~~ ^{info} indicator it is OK for NREAD people to passby while going up the fire tower. Caution your people and instruct them not to touch any of the equipment.

Jehan





UNITED STATES MARINE CORPS
COMMUNICATIONS—ELECTRONICS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:

1500
CEO
22 Apr 1987

From: Communications—Electronics Officer, Marine Corps Base, Camp Lejeune
To: Safety Officer, Marine Corps Base, Camp Lejeune
Via: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune : *Summers*
4/23/87
Subj: ANTENNA SITE LOCATION

Ref: (a) Commanding Officer, 8th Comm Bn ltr 1500, 01 dtd 5 Feb 81
(b) Phonecon between Helen Lanier, Base Safety Office and Capt Fetzer, Electronics Maintenance Officer, CEO Division, MCB of 15 Apr 87
(c) Phonecon between Capt Summers, Assistant CEO, Capt Fetzer and MSgt Pendergast, US Air Force, Joint Communications Support Element, Mac Dill Air Force Base of 22 Apr 87

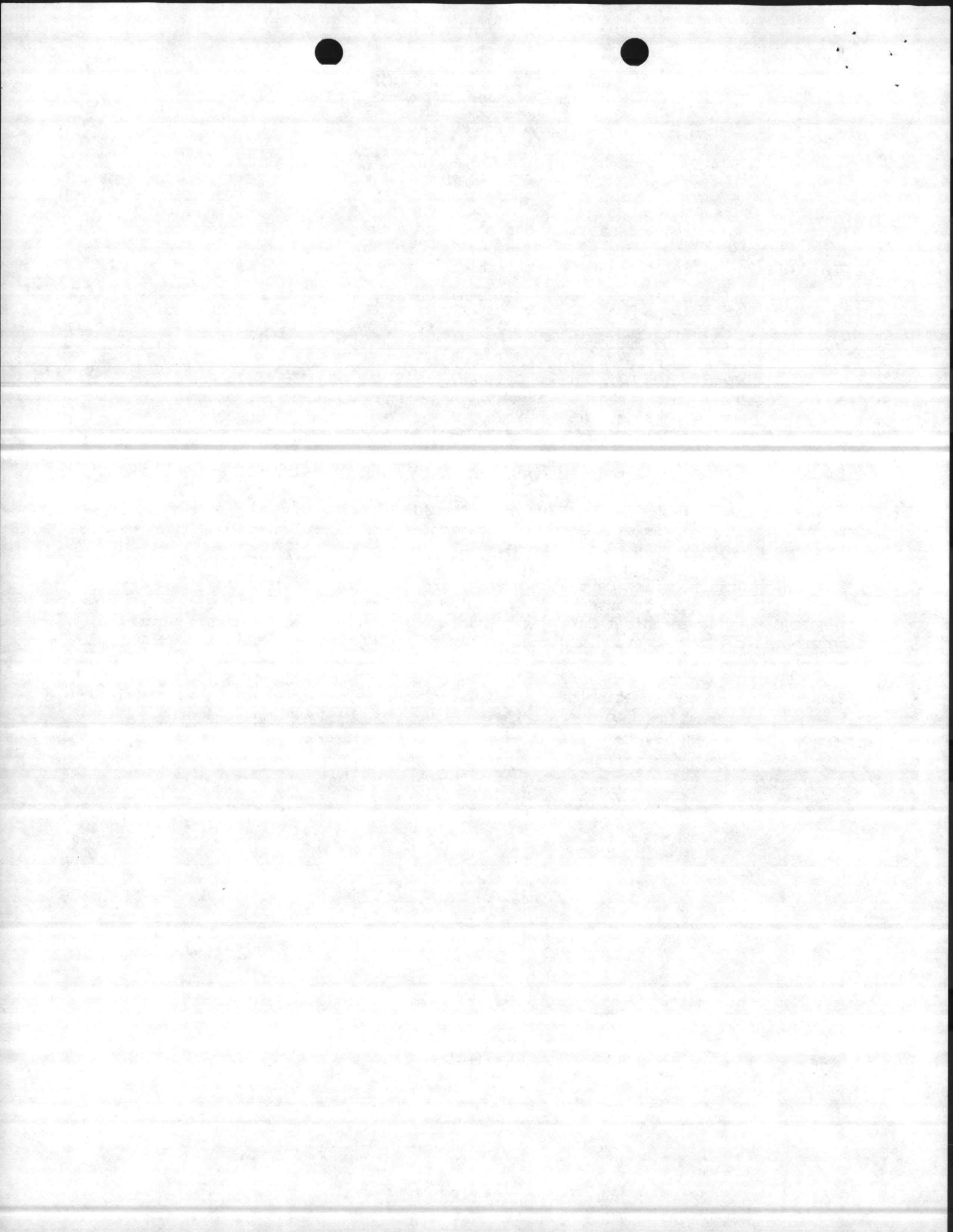
1. Reference (a) requested permission to install an OA 81-12 Horn antenna on the Fire Tower located at TLZ Hawk during Solid Shield 87. Reference (b) requested that a technical evaluation be provided by this division addressing the possibility of the existence of radiation hazard zones to personnel working in close proximity to subject antenna.

2. Eighth Communication Battalion was not provided with the technical publications on subject antenna, temp loaned to them by the Air Force. As a result, specific technical data was not initially available. However, during reference (c) it was determined that no danger from microwave radiation exists to personnel.

3. It is the recommendation of this division that permission be granted to 8th Communication Battalion to operate the antenna from the location requested. POC is Capt P. A. Summers, ext 1661/2731.

J. H. Church
J. H. CHURCH

'87 APR 24 AM 10 28





UNITED STATES MARINE CORPS
8TH COMMUNICATION BATTALION
FLEET MARINE FORCE, ATLANTIC
CAMP LEJEUNE, NORTH CAROLINA 28542-5707

IN REPLY REFER TO
1500
01
5 Feb 87

From: Commanding Officer, 8th Communication Battalion
To: Commanding General, Marine Corps Base, CLNC
(Attn: A/C of Staff Facilities)

Subj: FIRE TOWER USE AT LZ HAWK DURING SOLID SHIELD '87

Ref: (a) PhonCon btwn Mr. Black (Forest Service MCB) and
MSgt Carver on 3 Feb 87

1. This unit requests use of the above Fire Tower during Solid Shield '87 to mount radio antenna's on it.
2. Antenna's will not obstruct any passageway on fire tower.
3. Time frame of use of fire tower will be from 1 Apr 87 to 15 May 87.
4. POC is MSgt Carver at 2316/5203.

W. F. BEST
By direction

COPY TO:SUPT CO

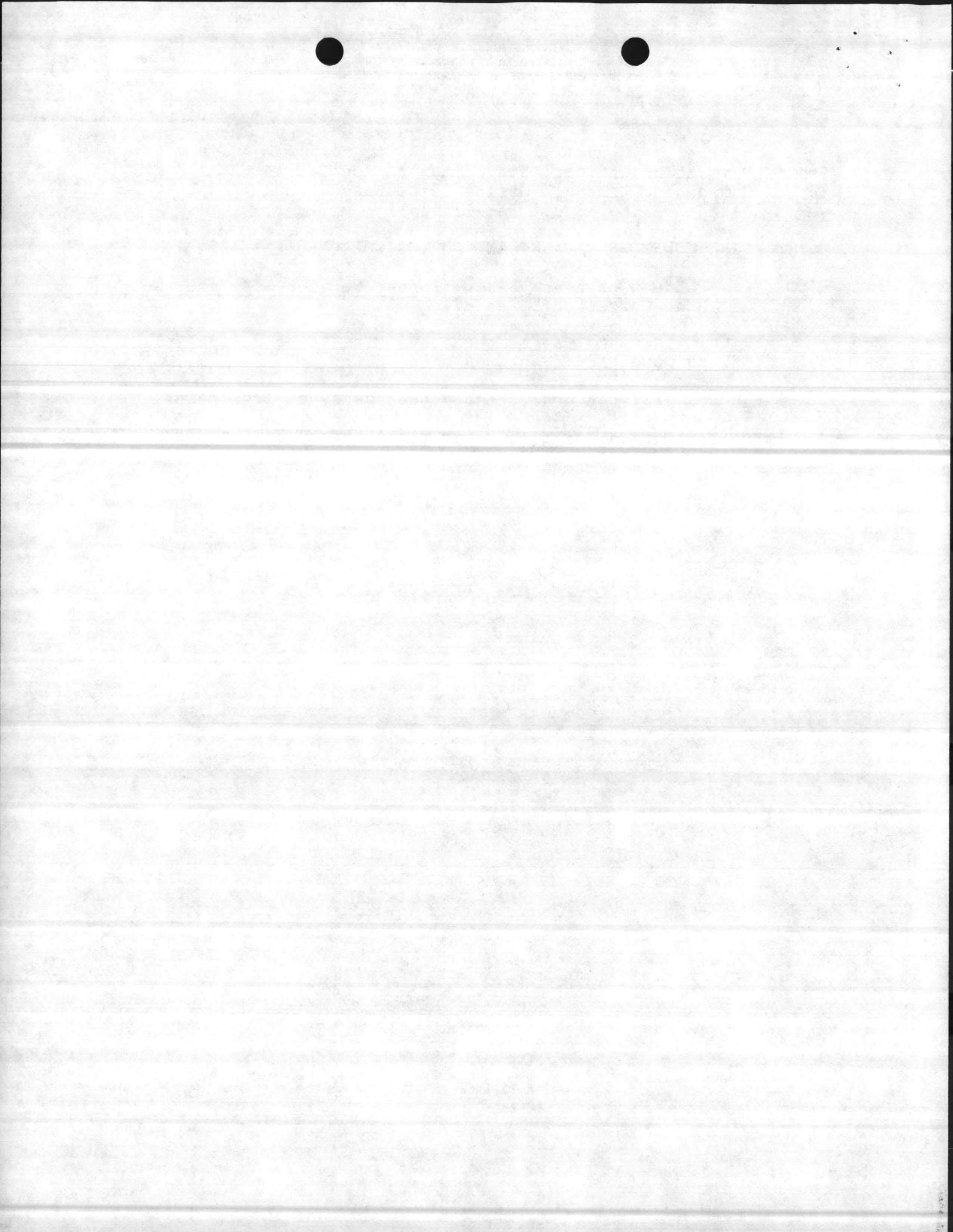
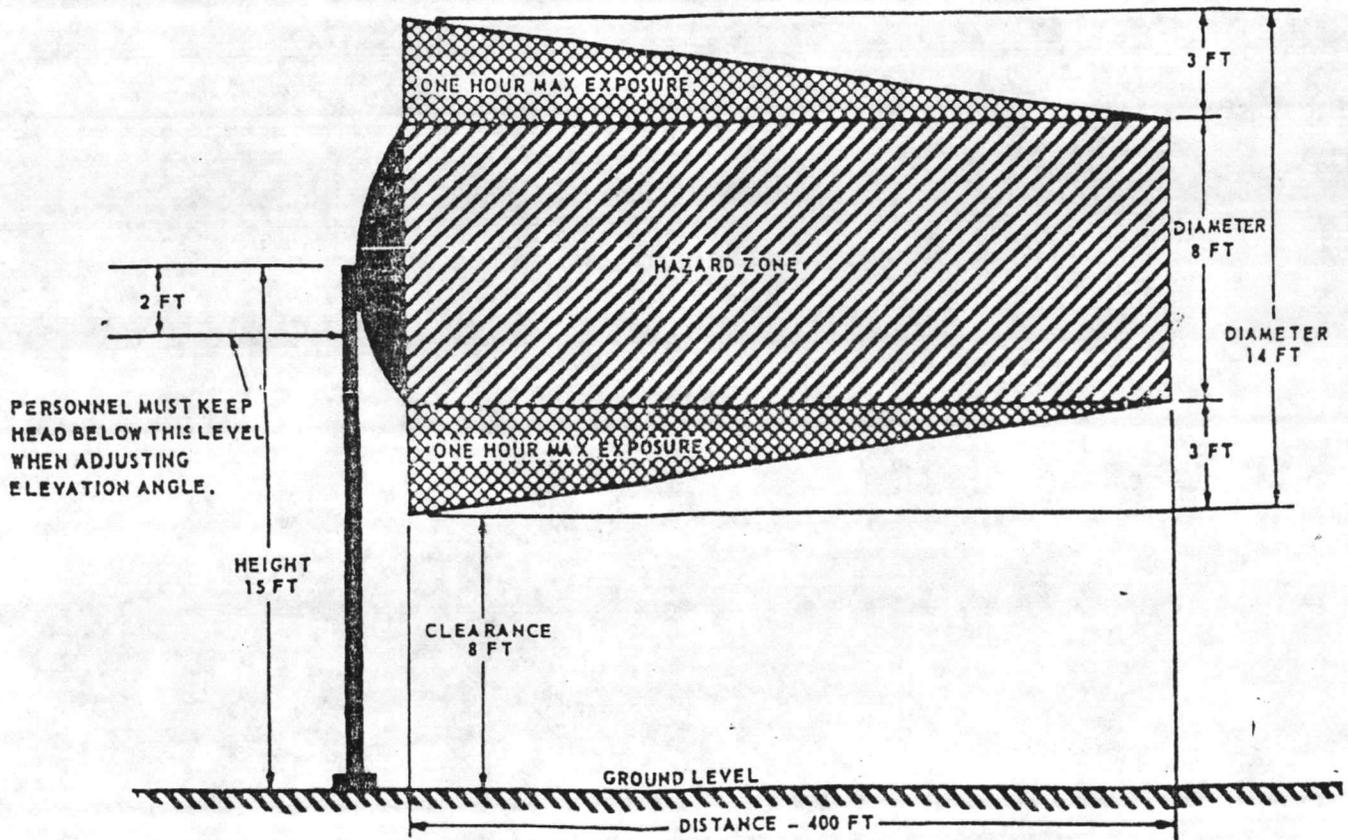


Table 1-5. Restricted Radiation Regions For 7 Ft. Clearance From Ground

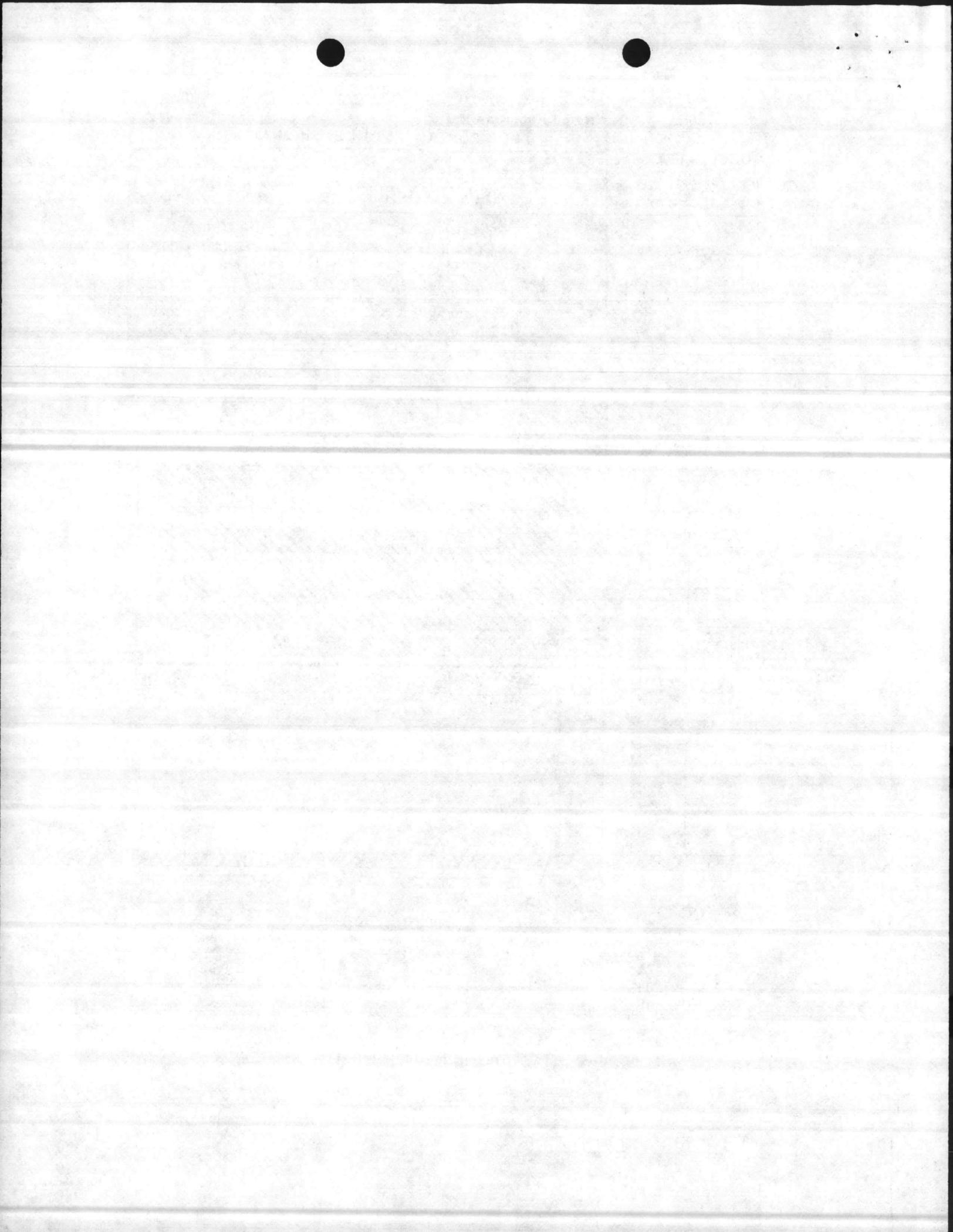
DECLINATION ANGLE	HORIZONTAL DISTANCE FROM ANTENNA	
	ZONES FOR 1 HOUR MAXIMUM EXPOSURE	HAZARD ZONE
0°	No restriction	No restriction
1°	No restriction	230 ft. to 400 ft.
2°	No restriction	115 ft. to 400 ft.
3°	45 ft. to 75 ft.	75 ft. to 400 ft.
4°	25 ft. to 60 ft.	60 ft. to 400 ft.
5°	15 ft. to 45 ft.	45 ft. to 400 ft.



CAUTION

Place warning flags/ropes with radiation warnings displayed as indicated by Figure 1-5 and/or deployment plans.

Figure 1-5. Diagram for Radiation Hazard.



1-19. RADIATION HAZARD. A diagram which shows the potential zones of radiation hazard (when operating in Tropo mode) in Table 1-5 below for an antenna with zero degree horizon angle. The following precautions apply.

1. Personnel must avoid exposure in a cylindrical zone directly in front of the antenna aperture to a distance of 400 ft. This zone contains points in which a power density of 10 mw/cm^2 is exceeded, a hazardous condition.

2. A secondary conical tapered zone in which the power density may be in the range of 1 to 10 mw/cm^2 is also shown in Figure 1-5. It is recommended that personnel not be exposed in this zone for more than one hour.

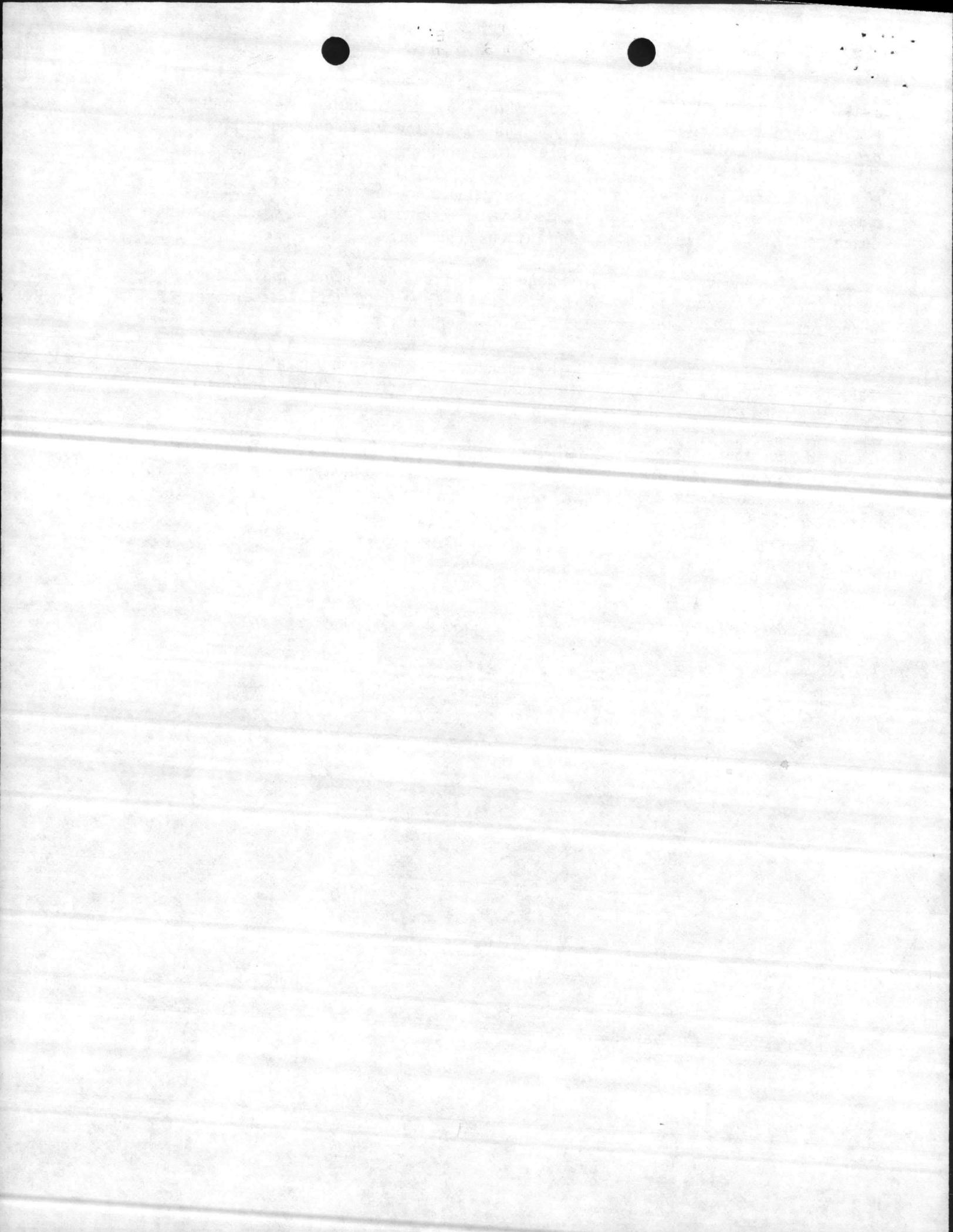
3. When adjusting elevation angle behind the dish, personnel must keep head below a line 2 ft. below the center of the dish. This is indicated on the equipment by a warning label and a red line on the mast.

1-20. If the antenna angle is declined, the beam will intercept the ground region at a distance from the antenna which depends on the amount of declination angle. Table 1-5 shows the potential hazardous range of distance from the antenna considering a height clearance of 7 ft. for personnel.

CAPT FETZER

RADIATION HAZARD is only IF TROPIC AT 1000 W. AT 1 W LOS NO HAZARD is listed.

PLSE CALL ME IF YOU STILL HAVE ANY QUESTIONS 7910-269.



DATE 20 JAN 83

TO: NREA

- BASE MAINT O
- PUBLIC WORKS O
- COMM-ELECT O
- MOTOR TRANSPORT O

- DIR, FAMILY HOUSING
- DIR, UNACCOMPANIED PERS HSG
- BASE FIRE CHIEF

ATTN: Mr. Wooten

1. Attached is forwarded for info/action.

*Your request is approved!
As requested in Mr. Bate's
letter.*

2. Please initial, or comment, and return all papers to this office.

3. Your file copy

*J. H. Fitzgerald
By direction*

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

T 4600

BASE MOTOR TRANSPORT
Marine Corps Base
Camp Lejeune, North Carolina 28542

MTO/COB/pgf
4600
19 Jan 1983

FIRST ENDORSEMENT on AC/S, Facilities ltr NREAD/PEB/jc over 4600
dtd 17 Jan 1983

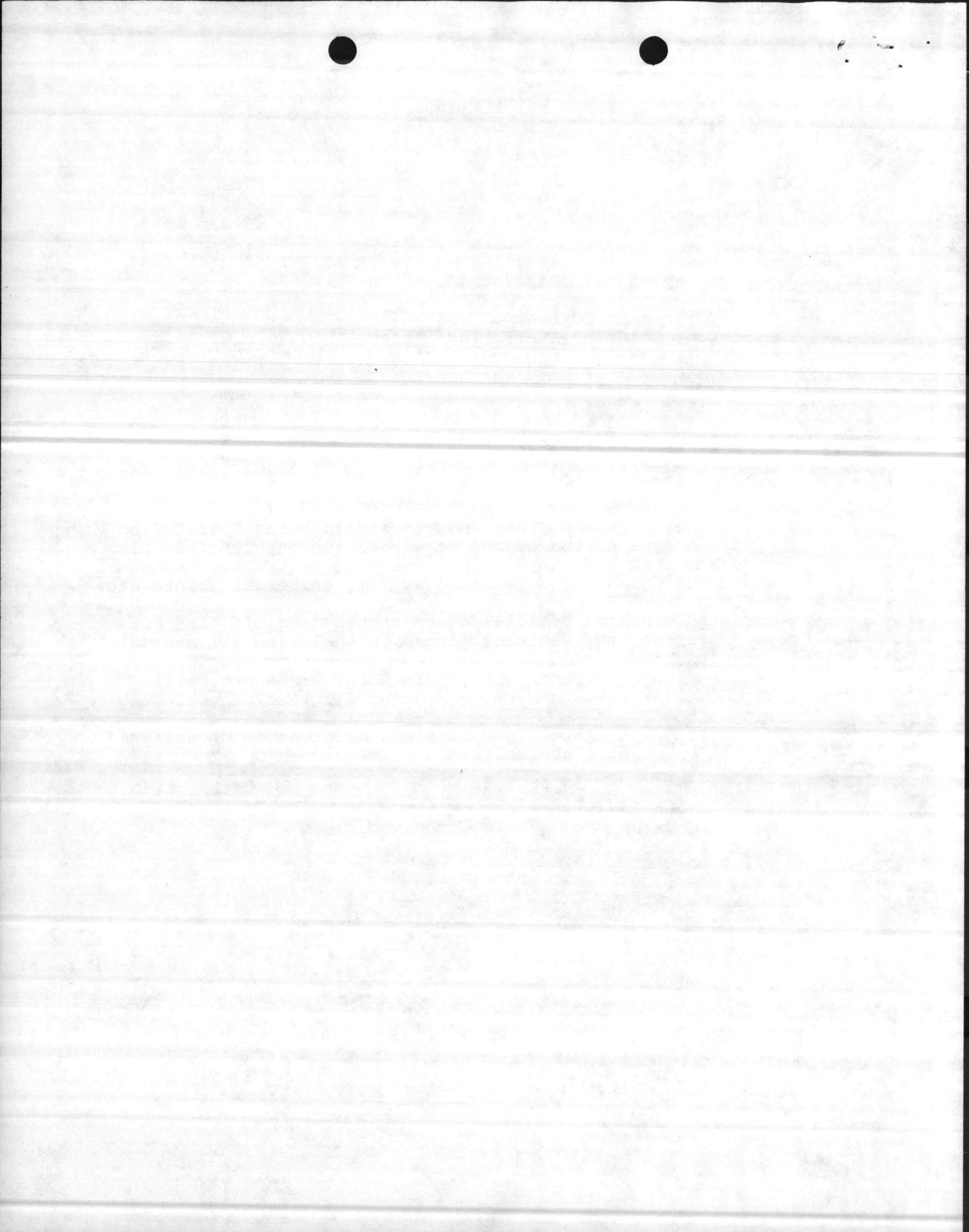
From: Motor Transport Officer
To: Assistant Chief of Staff, Facilities

Subj: Vehicle Use; off hard surface road

1. Returned approved.
2. It is requested that vehicle operators be instructed to use sound judgement when traveling over the types of roads listed in the basic letter.
3. It is further requested that those vehicles being operated on the upper tidal zone of the beach, be washed thoroughly after each daily operation. This is necessary to prevent salt water damage to the vehicle undercarriage, braking system, universal joints etc.
4. In order to minimize vehicle damage caused from off hard surface road operation, the vehicles listed in enclosure (1) and (2) will be required to undergo more frequent preventive maintenance schedules. The Maintenance Branch, Base Motor Transport, will establish schedules so as to ensure minimum downtime of vehicles.
5. Your assistance in care, operation and maintenance of assigned vehicles will be greatly appreciated.

C. O. Barto Jr.
C. O. BARTO, Jr.

Copy to:
Maintenance Branch BMT
Roadmaster BMT



UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

NREAD/PEB/jc
4600
17 JAN 1983

From: Assistant Chief of Staff, Facilities
To: Motor Transport Officer

Subj: Vehicle Use; off hard surface road

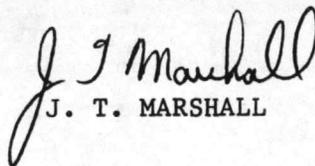
Ref: (a) BO P4600.1E

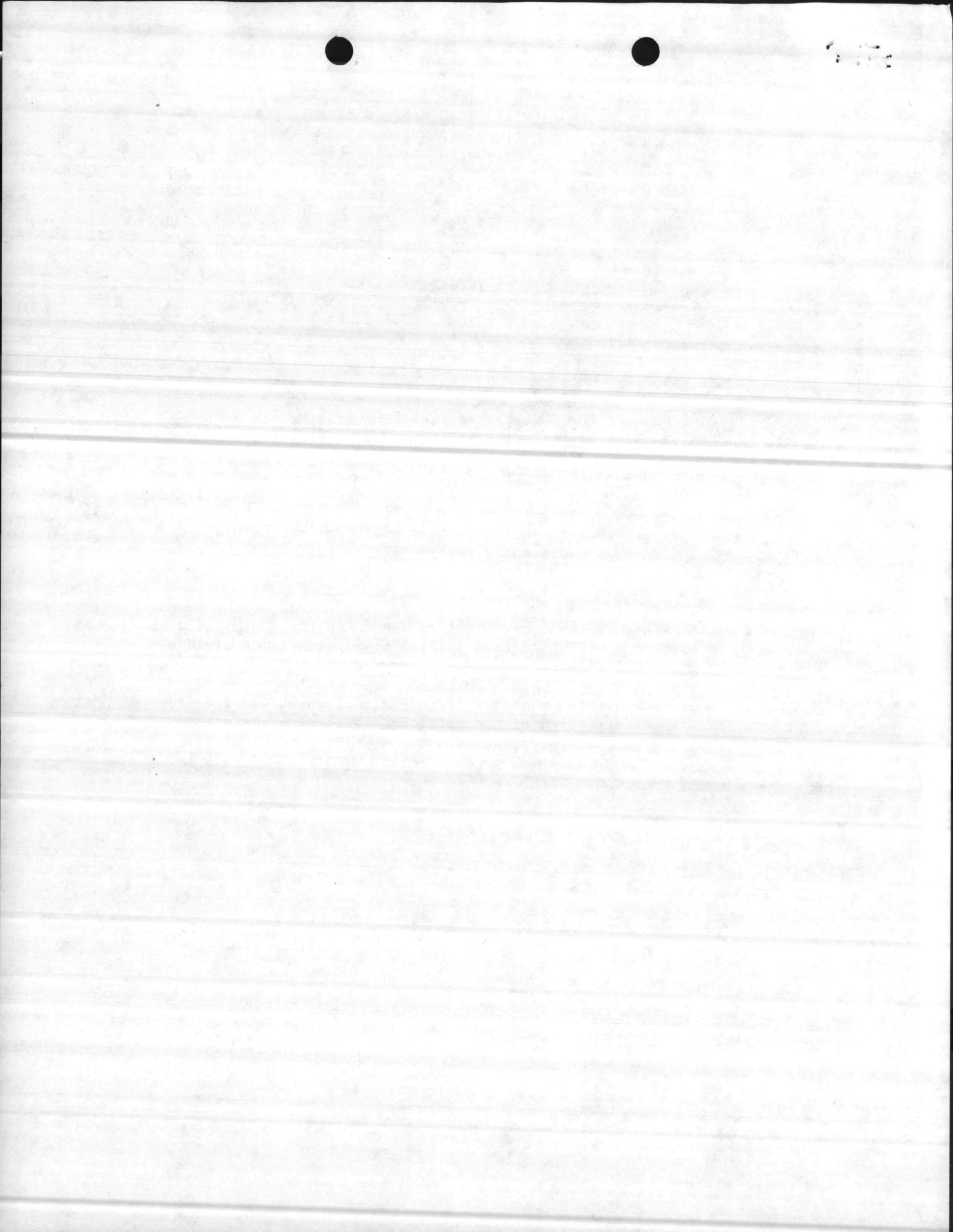
Encl: (1) USMC Numbers for Forestry and Environmental Branch Vehicles
(2) USMC Numbers for Wildlife and Game Warden Vehicles

1. Due to the nature of the work conducted by the Natural Resources and Environmental Affairs Division, it is requested that the vehicles listed in enclosures (1) and (2) be authorized for use on secondary roads, tank trails and forest access roads which in many cases are not maintained. These roads and trails are presently restricted, as stated in the reference.

2. Vehicles listed in enclosure (2) must also have access to the beach area and will operate in the upper tidal zone between the months of June through October because of endangered species work which is required by the U. S. Fish and Wildlife Service.

3. It is requested that the vehicles listed in enclosures (1) and (2) be exempt from the restriction of the reference concerning the use of these vehicles off hard surface roads.


J. T. MARSHALL



Full 87 Files your copy - Proceed
26 May

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

1710
FAC
MAY 16 1987

FOURTH ENDORSEMENT on Dir NREAD ltr 11010/1 NREAD of 22 Apr 87

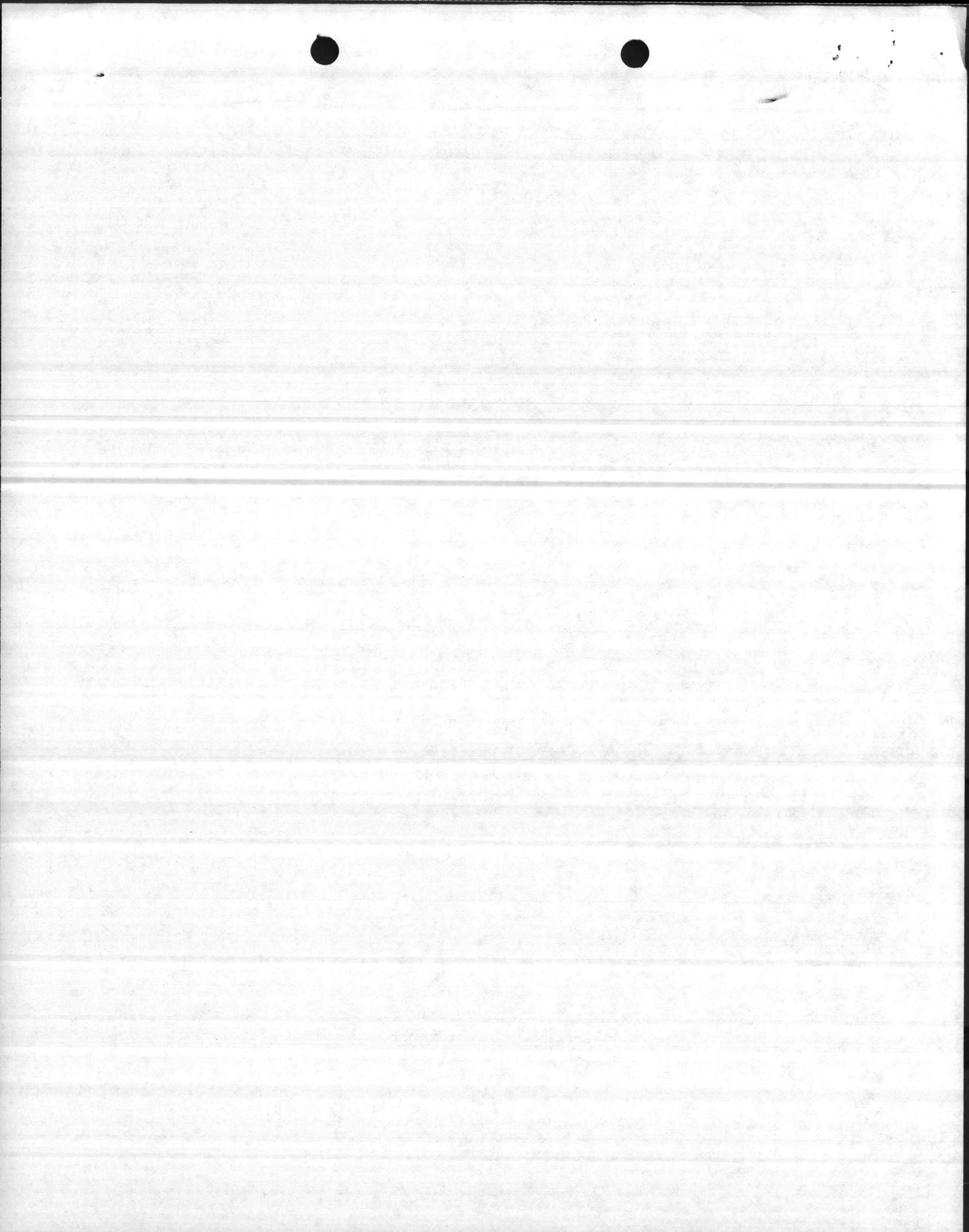
From: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune

To: Director, Natural Resources and Environmental Affairs
Division

Subj: PROPOSED ACTIONS FOR GOLD GOLF COURSE

1. Returned approved. Please advise this office at least 30 days in advance of prescribed burning and timber harvest in order that appropriate command officials may be notified.
2. The basic proposal was very professionally done with considerable attention to detail. Many thanks to you and please convey my appreciation to appropriate members of your staff.

T. J. Dalzell
T. J. DALZELL





UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

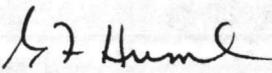
IN REPLY REFER TO:
1710
MWR
12 May 87

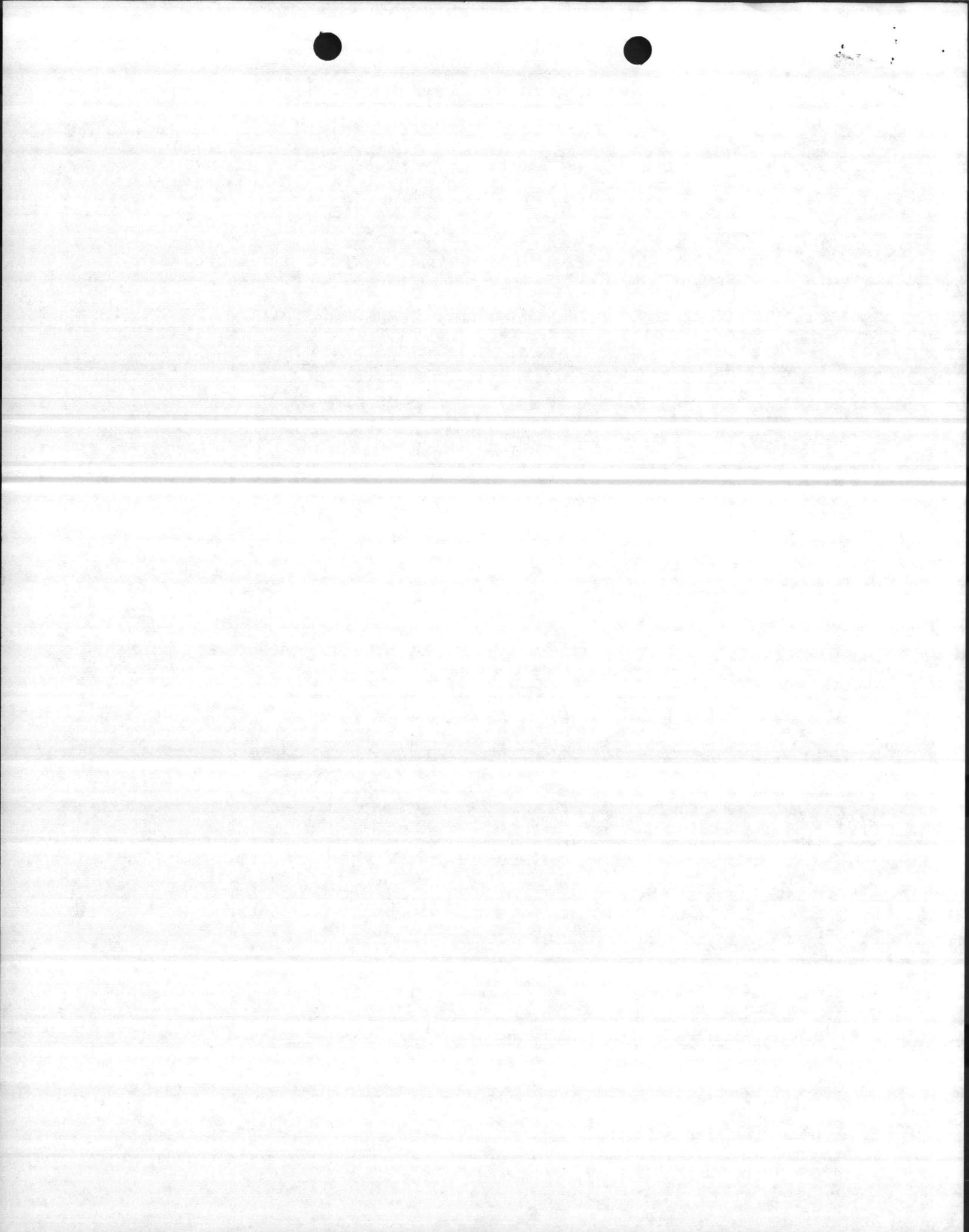
THIRD ENDORSEMENT on Dir NREAD ltr 11010/1 NREAD of 22 Apr 87

From: Assistant Chief of Staff, Morale, Welfare and Recreation
To: Assistant Chief of Staff, Facilities

Subj: PROPOSED ACTIONS FOR GOLD GOLF COURSE

1. Returned for appropriate action. I concur in the endorsement provided by the Director of Special Services.


G. F. HUML





UNITED STATES MARINE CORPS
SPECIAL SERVICES
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5000

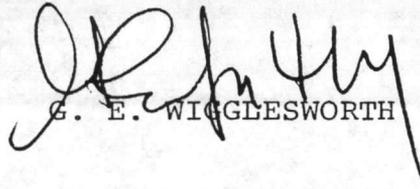
IN REPLY REFER TO:
1710/11
SSO-3
8 May 87

SECOND ENDORSEMENT on Dir, NREAD ltr 11010/1 NREAD of 22 Apr 87

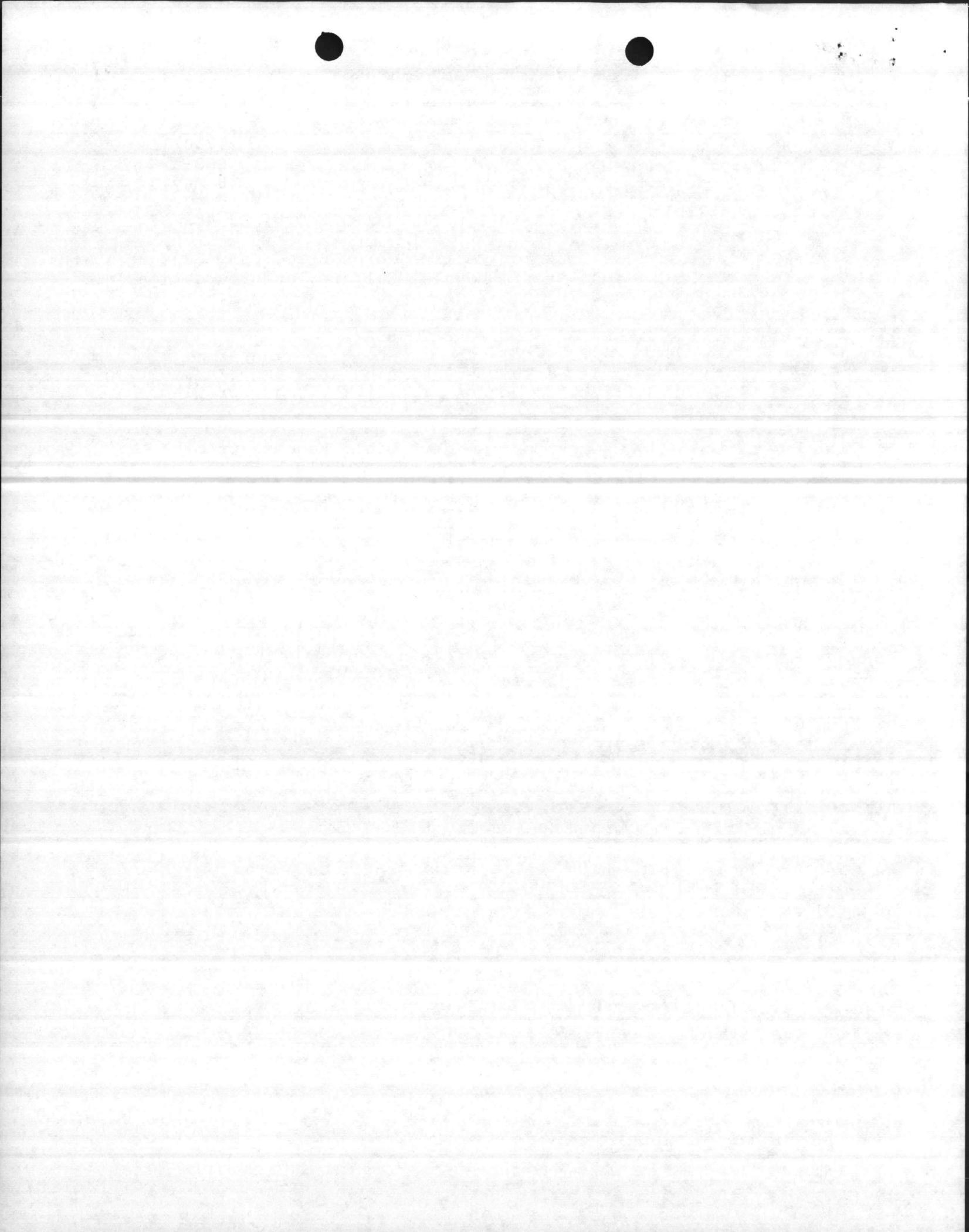
From: Special Services Director, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Morale, Welfare, and Recreation,
Marine Corps Base, Camp Lejeune

Subj: PROPOSED ACTIONS FOR GOLD GOLF COURSE

1. The proposed plans for prescribed burning and timber harvesting at Paradise Point Golf Course do not present any major problems for Special Services.
2. Closing the Gold Course for two days would require prior approval of the Commanding General. Patrons would be able to use the Scarlet Course during this time. Golf Course Maintenance personnel will provide assistance during the actual burn. Coordination with the various involved entities could best be handled at the Assistant Chief of Staff level.
3. POC for Special Services is Mr. John Fletcher, Manager, Paradise Point Golf Course, extension 5445.


G. E. WIGGLESWORTH

Copy to:
RecDir
Mgr., PPGC



DIR
DEP

DEPARTMENT OF THE NAVY

Copy sent to file
870506

Memorandum

11320
FAC

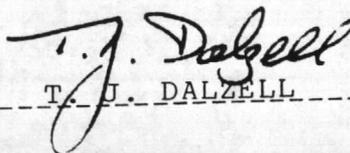
DATE: MAY 05 1987

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune
TO: Assistant Chief of Staff, Morale, Welfare and Recreation

SUBJ: PROPOSED ACTIONS FOR GOLD GOLF COURSE

Encl: (1) Dir, NREAD ltr 11010/1 NREAD of 22 Apr 1987

1. The enclosure outlines proposed land and timber management projects for the golf course area and is forwarded for your concurrence. Request you please return the enclosure with your response.

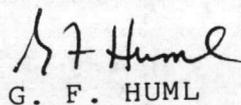

T. J. DALZELL

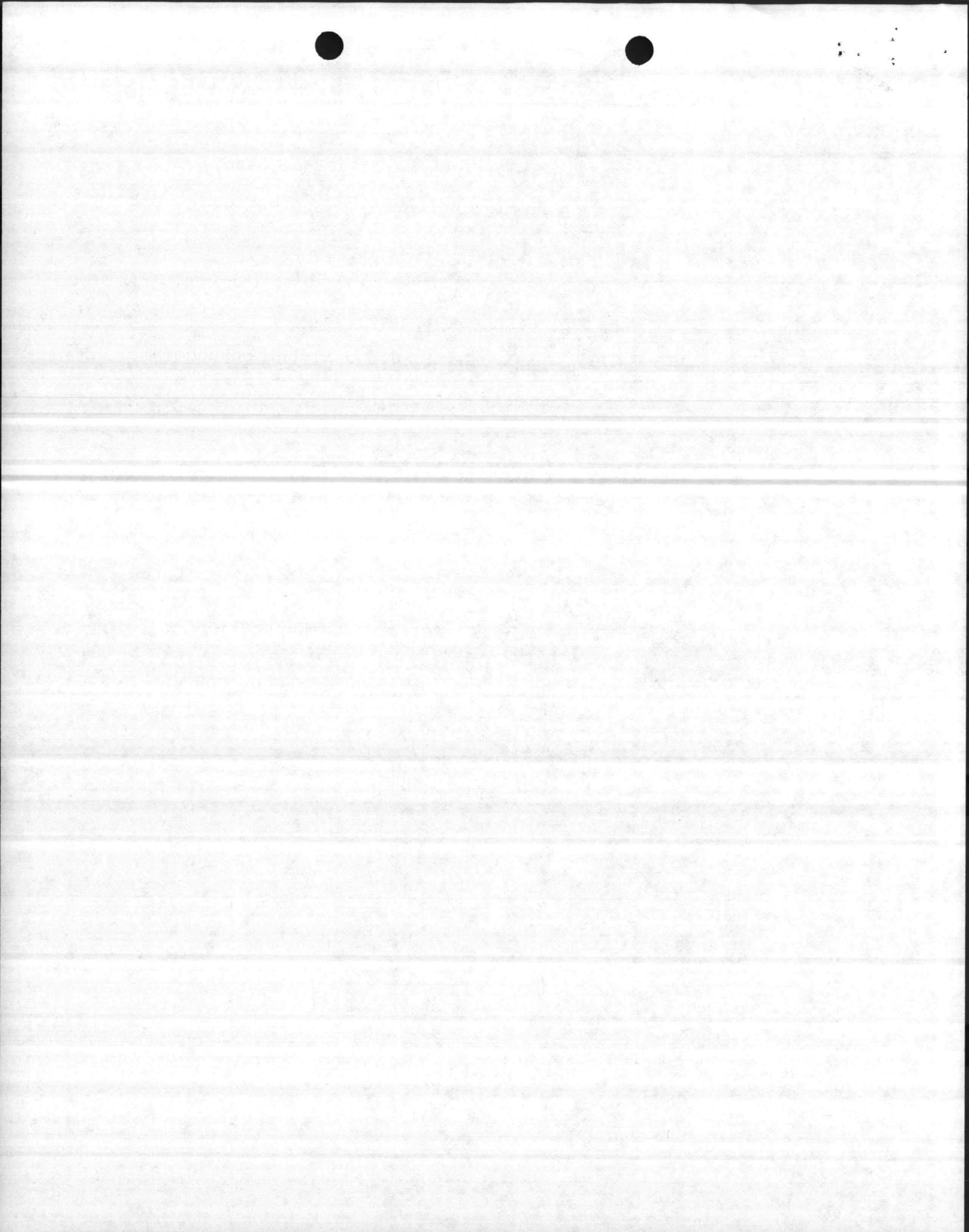
1710
MWR
5 May 87

FIRST ENDORSEMENT

From: Assistant Chief of Staff, Morale, Welfare and Recreation
To: Director, Special Services Division

1. Forwarded for your review and comment. Input is due by COB on 11 May 87.


G. F. HUML





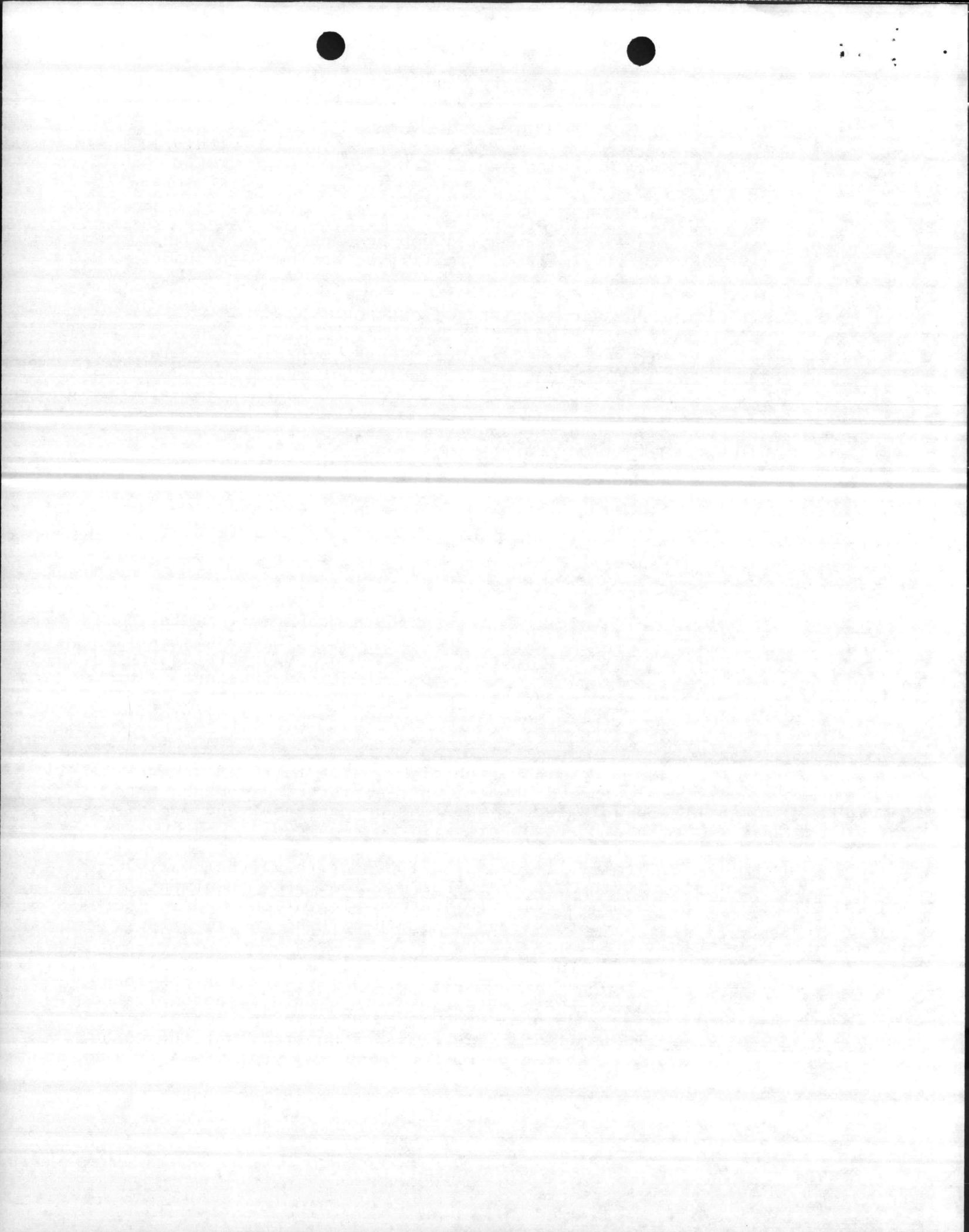
UNITED STATES MARINE CORPS
NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:
11010/1
NREAD
22 Apr 87

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune
Subj: GOLD GOLF COURSE; PROPOSED ACTIONS FOR
Ref: (a) Site visit to the Gold Golf Course by Mr. Peter Black,
Base Forester, and Mr. John Fletcher, Base Golf Course
Manager on 8 April 87
Encl: (1) Proposed prescribed burning plan
(2) Proposed timber harvesting plan

1. During the reference, Mr. Black and Mr. Fletcher discussed the proposal of controlled burning the forested area adjacent to the Golf course. Burning of the area can be accomplished but should be accomplished between 1 December and 15 March when vegetation is dormant so damage potential is reduced.
2. During the period December - March, the most favorable winds for controlled burning are from the northern quadrant. This would create a significant smoke management problem along Brewster Boulevard, the Scarlet Golf Course, and Officers Quarters adjacent to the golf courses, including the General Officer Quarters. The area could be burned with another wind direction, but these winds are less predictable which make a controlled burn more difficult but not impossible to manage.
3. During the actual burning, probably 2 days, the Gold Course would have to be closed and considerable assistance from the Base Fire Department and golf course maintenance personnel and coordination with Base Housing occupants will be required.
4. During the reference, it was also apparent that practically all of the timber in the area requires silvicultural treatment of some type to maintain vigor in the younger plantations and to decrease the susceptibility of older trees to Southern Pine Beetle attack.
5. The controlled burning and the timber harvesting (see enclosures (1) and (2)) will be temporarily unsightly, but for the long term improvement of the golf course the work should be accomplished. The timber harvesting should be done in FY-88 with the controlled burn being completed in FY-89. It is also suggested that the wooded areas of the Gold Golf Course be burned every two years.
6. Point of contact for this matter is Peter E. Black, Base Forester, NREAD, extensions 2083/1690.

J. I. Wooten
J. I. WOOTEN





UNITED STATES MARINE CORPS
NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:
11010/1
NREAD
22 Apr 87

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune
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J. I. Wooten
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